CLAIMS

1.   A system for controlling a first component comprising:

     means for interrogating a first parameter having an associated threshold;

     means for determining whether the first parameter meets the associated threshold; and

     means, responsive to a successful determination, for adjusting a second parameter for controlling the first component,

     wherein the first and second parameters are expressed as a logical expression and wherein each parameter comprises at least three values corresponding to a minimum value and a maximum value together representing a range and a variable value.

2.   A system as claimed in claim 1, further comprising means for initialising each parameter, wherein upon initialisation, the variable value represents an initial value.

3.   A system as claimed in claim 1, wherein upon interrogation, the variable value represents a current value.

4.   A system as claimed in claim 3, comprising means,
5   responsive to the current value of the first parameter lying outside of the range, for executing an action.

5.   A system as claimed in claim 3, wherein the means for adjusting adjusts the current value of the second
10   parameter.

6.   A system as claimed in claim 2, wherein the means for initialising is executed by an application program.

15   7.   A system as claimed in claim 1, further comprising a network and a second component, wherein the second parameter controls the first and second components.

8.   A method of controlling a first component comprising
20   the steps of:

        interrogating a first parameter having an associated threshold;

25   determining whether the first parameter meets the associated threshold; and

adjusting, in response to a successful determination, a second parameter for controlling the first component,

wherein the first and second parameters are expressed as a logical expression and wherein each parameter comprises at least three values corresponding to a minimum value and a maximum value together representing a range and a variable value.

9.   A method as claimed in claim 8, further comprising the step of initialising each parameter, wherein upon initialisation, the variable value represents an initial value.

10.   A method as claimed in claim 8, wherein upon interrogation, the variable value represents a current value.

11.   A method as claimed in claim 10, further comprising the step of executing, in response to the current value of the first parameter lying outside of the range, an action.

12.   A method as claimed in claim 10, wherein in the adjusting step, the current value of the second parameter is adjusted.

13.   A method as claimed in claim 9, wherein an application program executes the initialising step.

14.   A method as claimed in claim 8, for use in a system comprising a network and a second component, wherein the second parameter controls the first and second components.

15.   A computer program comprising program code means adapted to perform the method of claim 8 when said program is run on a computer.

16.   A system for controlling a first medical component comprising:

        means for interrogating a first physiological parameter having an associated threshold;

        means for determining whether the first physiological parameter meets the associated threshold; and

        means, responsive to a successful determination, for adjusting a second physiological parameter for controlling the first medical component,

        wherein the first and second physiological parameters are expressed as a logical expression and wherein each physiological parameter comprises at least three values

corresponding to a minimum value and a maximum value
together representing a range and a variable value.

17.   A system as claimed in claim 16, further comprising
means for initialising each physiological parameter,
wherein upon initialisation, the variable value represents
an initial value.

18.   A system as claimed in claim 16, wherein upon
interrogation, the variable value represents a current
value.

19.   A system as claimed in claim 18, comprising means,
responsive to the current value of the first physiological
parameter lying outside of the range, for executing an
action.

20.   A system as claimed in claim 18, wherein the means
for adjusting adjusts the current value of the second
physiological parameter.

21.   A system as claimed in claim 17, wherein the means
for initialising is executed by an application program.

22.   A system as claimed in claim 16, further comprising a
network and a second medical component, wherein the second

physiological parameter controls the first and second medical components.

23.   A system as claimed in claim 16, wherein the first medical component is at least one syringe driver.

24.   A system as claimed in claim 23, wherein the first physiological parameter represents a blood sugar level.

25.   A system as claimed in claim 24, wherein the second physiological parameter represents an insulin level.

26.   A system as claimed in claim 24, wherein the second physiological parameter represents a sugar solution level.

27.   A system as claimed in claim 16, wherein the first physiological parameter represents heart rate.

28.   A system as claimed in claim 27, wherein the second physiological parameter represents an amount of a drug.